

# MasterEmaco P 110

**Vinyl-based adhesion promoter to facilitate the adhesion and adhesion of mortars, plasters and levelers on various absorbent and non-absorbent substrates**

## MATERIAL DESCRIPTION

MasterEmaco P 110 is a vinyl-based liquid product that allows cement or other hydraulic binder based mortars, plasters and concretes to be directly applied on any type of structurally sound support.

It is supplied as a ready for use liquid in tanks, has a solid content weight of at least 42% and a film forming time between 90 and 120 minutes. It must be applied with a roller, brush or by spraying, with a consumption of at least 0.1 liters/m<sup>2</sup>.

In addition it must pass tests which prove optimal bonding of materials such as cement paste, cement mortar, gypsum plaster and others.

## FIELDS OF APPLICATION

MasterEmaco P 110 is used:

- to assure plaster bonding on surfaces such as wood, metal, glass, tiles, concrete, masonry, marble;
- to improve bonding between old and new concrete in cold joints.
- to improve the grip of the laying mortar for tiles or cement floors.
- to increase adhesion in applying stucco plaster.

## FEATURES AND BENEFITS

The peculiar characteristics of MasterEmaco P 110 are:

- Excellent bonding: also ideal in ceiling applications.
- It is not affected by the alkalinity of the cement, it maintains plasticity and does not become brittle.

- High tensile strength.
- Saves time and costs: avoid bush-hammering or chipping of the substrate.
- Non flammable: does not contain volatile solvents.

## CONSUMPTION

Consumption is a function of surface porosity 0.1 to 0.4 liters/m<sup>2</sup> are normally used.

## PACKAGING

MasterEmaco P 110 is supplied in 5 and 20 liter tanks.

## STORAGE

MasterEmaco P 110 should be stored in a dry and shaded place at temperatures between +5 and + 35°C.

Technical Information	
Specific weight:	1074 kg/m <sup>3</sup> .
Solid content by weight, ISO 1515:	44%.
Film time:	95 min.
Consumption	0,1÷0,4 litri/m <sup>2</sup>
Packaging	5 and 20 liter cans
Application temperature	between 5 and 35 ° C
Moisture resistance	Great
Resistance to aging	Great
Resistance to solvents and oils	Discrete
Resistance to acids and alkalis	Discrete
Resistance to temperature	Great

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## APPLICATION SHEET

### PREPARING THE SUBSTRATE

The support must be structurally sound. Clean the surface of all traces of dirt and anything that can compromise adhesion.

Remove any water-soluble materials, such as glues, wallpaper, casein, etc.

In the case of painted surfaces, the paint must be cured for at least 60 days, insoluble in water and have excellent adhesion to the substrate.

### APPLICATION TEMPERATURE

Do not apply MasterEmaco P 110 on frozen surfaces or if the temperature is below 5 ° C or it can drop below 5 ° C in the following 4 hours.

### APPLICATION

MasterEmaco P 110 must be applied only on dry surfaces. Shake before application.

Apply by brush, roller or spray, forming a thin and continuous film without leaving areas with excess material.

Rinse tools with water immediately after use.

If a lime and gypsum plaster is to be applied, use a percentage of gypsum not less than 50%, since MasterEmaco P 110 reduces the water absorption of the substrate.

If the lime and gypsum plaster is laid in two layers, ensure a minimum thickness of 1 cm for the first and apply the second when the first is still wet.

In concrete screeds, the thickness of the screed must be at least 12 mm.

Do not dilute.

Do not mix by machine.

Do not use on water soluble materials such as glues or wallpapers.

Do not use on structures immersed in water or subject to permanent high humidity.

### HARDENING

Before applying the plaster, let MasterEmaco P 110 dry for a few hours until it loses its stickiness.

MasterEmaco P 110 can also be applied three days before installation of the plaster, provided it remains clean and intact.

## SAFETY INSTRUCTION

For information on the correct and safe use, transport, storage and disposal of the product, consult the most recent Safety Data Sheet.

## OTHER SERVICES

For price analysis, specifications, supplementary brochures, references, reports and technical assistance, visit the website [www.master-builders-solutions.com/it-it](http://www.master-builders-solutions.com/it-it) or contact [infomac@mbcc-group.com](mailto:infomac@mbcc-group.com).

Scan the QR code to visit the product page and download the latest version of this datasheet.



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Since 16/12/1992, Master Builders Solutions Italia Spa has been operating under a Certified Quality System compliant with the UNI EN ISO 9001 Standard. Furthermore, the Environmental Management System is certified according to the UNI EN ISO 14001 Standard and the Safety Management System is certified according to the UNI ISO 45001 Standard.

**Master Builders Solutions Italia Spa**

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For further information, please consult the local Technician of Master Builders Solutions. The technical advice on how to use our products, either written or verbally given, are based on the current state of our scientific and practical expertise, and does not imply the assumption of any guarantee and/or responsibility for the final results of works executed using our products.

Therefore, the customer is not exempted from the exclusive task and responsibility of verifying the suitability of our products for the intended use and purposes.

This version supersedes all the previous ones.